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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/589,971-Conf. #2321	
				Filing Date	July 2, 2007	
				First Named Inventor	Graham Eastham	
				Art Unit	1621	
Examiner Name	P. A. Zucker					
Attorney Docket Number	31229-233960					
Sheet	1	of	6			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,377,708	03-22-1983	Morris	
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	AC*	US-4,517,061-A	05-14-1985	Jean-Francois Fauvarque	
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	AF*	US-6,348,621-B1	02-19-2002	Wang et al.	
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	AQ*	US-6,258,979	07-10-2001	Kagan et al.	
	AR*	US-6,284,925	09-04-2001	Knochel et al.	
	AS*	US-6,337,406	01-08-2002	Zhang	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-0144118	06-12-1985	Standard Oil Co Ohio		
	BB	WO-0170659	09-27-2001	Kvaerner Process Tech Ltd et al.		
	BC	WO-0212161	02-14-2002	Kvaerner Process Tech Ltd et al.		
	BD	WO-2004/050599-A1	06-17-2004	Lucite Int Uk Ltd et al.		
	BE	WO-03/070370-A1	08-28-2003	Shell Int Research et al.		
	BF	WO-2004/014552-A1	02-19-2004	Lucite Int Uk Ltd et al.		

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	AT*	US-6,521,769	02-18-2003	Zhang	
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	BG	WO-2005/003070-A1	01-13-2005	Lucite Int Uk Ltd et al.		
	BH	WO-2004/024322-A2	03-25-2004	Lucite Int Uk Ltd et al.		
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	BU	WO-01/85662-A2	11-15-2001	Basf Ag et al.		

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	CA	WANG et al., "POLYMER-BOUND BIDENTATE-PHOSPHINE-PALLADIUM COMPLEX AS A CATALYST IN THE HECK ARYLATION", J. Org. Chem, Vol. 59, No. 18, 1994, pages 5358-5364.	
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	CC	LINDNER et al., "CATALYTIC ACTIVITY OF CATIONIC DIPHOSPALLADIUM (II) COMPLEXES IN THE ALKENE/CO COPOLYMERIZATION IN ORGANIC SOLVENTS AND WATER IN DEPENDENCE ON THE LENGTH OF THE ALKYL CHAIN AT THE PHOSPHINE LIGANDS", Journal of Organometallic Chemistry, Vol. 602, 2000, pages 173-187.	
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	CG	Kirk Othmer Encyclopaedia of Chemical Terminology, vol. 9, 4th Ed., p. 783, Hydrolysis of Organic Esters, pp. 783-85 and 87, John Wiley & Sons, January 1994.	
	CH	MASTERS, Christopher, "Homogeneous Transition Metal Catalysis," p. 4-21, Chapman and Hall, February, 1981.	
	CI	Lide et al., Handbook of Chem and Phys., 76th Ed., CRC Press, 1995, ps. 8-141 6-155 to 6-177; 15-16 to 15-25	
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	CN	Brunkan et al. "Unorthodox C,O binding mode of Me <sub>2</sub> BINOL in Pt(II) complexes", Journal of American Chemical Society, no. 120, pages 11002-11003, (1998).		
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	CR	Cecconi et al. "Palladium complexes with the tripodal phosphine tris(2-diphenylphosphinoethyl)amine. Synthesis and structure of trigonal, tetrahedral, trigonal bipyramidal, and square planar complexes", J. Chem. Soc. Dalton Trans., issue 1, pages xvii - xx. (1989).		
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	CT	Hayward et al. "Some reactions of peroxobis (triphenylphosphine)platinum(II) and analogs with carbon dioxide, carbon disulfide, and other unsaturated molecules", Journal of American Chemical Society, vol. 92, issue 20, pages 5873-5878, (1970).		
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	CZ	Peng et al. "Chiral rodlike platinum complexes, double helical chains and potential asymmetric hydrogenation ligand based on "linear" building blocks: 1,8,9,16-tetrahydroxytetraphenylene and 1,8,9,16-tetrakis(diphenylphosphino)tetraphenylene" <i>Journal of American Chemical Society</i> , no. 127, pages 9603-9611, (2005).	
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	CB1	Mikami et al. "Molecular design of DABNTf as a highly efficient resolving reagent for racemic Pd complex with <i>tropos</i> biphenylphosphine (BIPHEP) ligand: circular dichroism (CD) spectra of enantiopure BIPHEP-Pd complex", <i>Chirality</i> , no. 15, pages 105-107, (2003).	
	CC1	Tudor et al. "Diastereoisomer interconversion in chiral BiphepPtX <sub>2</sub> complexes", <i>Organometallics</i> , no. 19, pages 4376-4384, (2000).	
	CD1	Bellabarba et al., "Synthesis, X-ray characterization and reactions of a trigonal planar palladium(II) carbonyl complex", <i>Chemical Communications</i> , no. 15, pages 1916-1917, (2003).	
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	CF1	Clegg et al., "Characterisation and dynamics of [Pd(L-L)H(solvent)] <sup>+</sup> , [Pd(L-L)(CH <sub>2</sub> CH <sub>3</sub> ) <sup>+</sup> and [Pd(L-L)(C(0)Et)(THF)] <sup>+</sup> (L-L = 1,2-(CH <sub>2</sub> PBut <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> ): key intermediates in the catalytic methoxycarbonylation of ethane to methylpropanoate", <i>Organometallics</i> , vol. 21, no. 9, pages 1832-1840 (2002).	
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	CK1	Portnoy et al., "Reactions of electron-rich arylpalladium complexes with olefins. Origin of the chelate effect in vinylation catalysis", <i>Organometallics</i> , vol. 13, no. 9, pages 3465-3479 (1994).	
	CL1	Wurst et al., "Synthesis and structure of the platinum (0) compounds [(dipb)Pt]2(COD) and (dipb)3Pt2 and of the cluster Hg6[Pt(dipb)]4 (dipb = (iPr)2P(CH2)4P(i-Pr)2)", <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , vol. 395, pages 239-250 (1991).	
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	CN1	Molander et al., "Synthesis and application of chiral cyclopropane-based ligands in palladium-catalyzed allylic alkylation", <i>Journal of Organic Chemistry</i> , vol. 69, no. 23, pages 8062-8069 (2004).	
	CO1	Brauer et al., "Reactions of coordinated ligands. XIV. Synthesis of a tetradentate phosphorus macrocycle in a palladium (II) template", <i>Chemische Berichte</i> , vol. 119, no. 1, pages 349-365 (1986).	
	CP1	Dias et al., "Synthesis and characterization of .eta.5-monocyclopentadienyl (p-nitrobenzonitrile)ruthenium(II) salts: second harmonic generation powder efficiencies", <i>Journal of Organometallic Chemistry</i> , vol. 475, no. 1-2, pages 241-245 (1994).	
	CQ1	PUGH, R. I. et al. "Tandem isomerisation-carbonylation catalysis: highly active palladium(II) catalysts for the selective methoxycarbonylation of internal alkenes to linear esters", <i>Chemical Communications - CHEMCOM</i> , Royal Society of Chemistry, GB, no. 16, (August 21, 2001), pages 1476-1477.	
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	CS1	Abbenhuis et al., "Successful Application of a "Forgotten" Phosphine in Asymmetric Catalysis: A 9-Phosphabicyclo[3.3.1]non-9-yl Ferrocene Derivative as a Chiral Ligand," <i>Organometallics</i> , vol. 14, pp. 759-766, 1995.	

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/589,971-Conf. #2321
				Filing Date	July 2, 2007
				First Named Inventor	Graham Eastham
				Art Unit	1625
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	31229-233960

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2006/0106259 A1	06-18-2006	Eastham et al	
	AB*	US-5,149,868	09-22-1992	Drent	
	AC*	US-5,436,356	07-25-1995	Drent et al.	
	AD*	US-4,960,926	10-02-1990	Drent	
	AE*	US-5,258,546	11-02-1993	Klusener et al.	
	AF*	US-5,189,003	02-23-1993	Klusener et al.	
	AG*	US-5,158,921	10-27-1992	Drent et al.	
	AH*	US-5,103,043	04-07-1992	Drent et al.	
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	AK*	US-5,179,225	01-12-1993	Drent et al.	
	AL*	US-5,177,253	01-05-1993	Drent et al.	
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	AN*	US-4,786,443	11-22-1988	Drent et al.	
	AO*	US-5,210,280	05-11-1993	Drent	
	AP*	US-7,026,473	04-11-2006	Drent et al.	
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	AR*	US-6,706,912	03-16-2004	Drent et al.	
	AS*	US-6,156,934	12-05-2000	Suykerbuyk et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-01/65583-A1	09-07-2001	Siemens Ag et al.		
	BB	EP-0495348-A1	07-22-1992	Koenig Wolfgang		
	BC	EP-0495347-A1	07-22-1992	Analisis Sa		
	BD	DE-10023470-A1	11-15-2001	Basf Ag	US 6,753,450	
	BE	DE-10037961-A1	02-07-2002	Aventis Res & Tech Gmbh & Co	US 7,148,176	
	BF	DE-19745904-A1	04-22-1999	Hoechst Ag	US 6,462,095	

Examiner Signature	/Paul Zucker/	Date Considered	07/22/2010
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	AT*	US-6,982,357	01-03-2006	Crabtree et al.	
	AU*	US-20060252935	11-09-2006	Eastham et al.	
	AV*	US-20060128985	06-15-2006	Eastham et al.	
	AW*	US-20060106259	05-18-2006	Eastham et al.	
	AX*	US-20060122435	06-08-2006	Eastham et al.	
	AY*	US-6,984,668	01-10-2006	Eastham et al.	
	AZ	US-WO 98/41495	09-24-1998	PEARSON JEAN MARGARET ET AL.	
	AA1*	US-5,710,344	01-20-1998	Breikss et al.	
	AB1*	US-6,335,471	01-01-2002	Eastham et al.	
	AC1*	US-20080086015	04-10-2008	Eastham	
	AD1*	US-7,265,240	09-04-2007	Eastham et al.	
	AE1*	US-4,960,949	10-02-1990	Devon et al.	
	AF1*	US-6,284,919	09-04-2001	Pearson et al.	
	AG1*	US-6,476,255	11-05-2002	Hadden et al.	
	AH1*	US-20010051745	12-13-2001	Pearson et al.	
	AI1*	US-7,371,705	05-13-2008	Eastham et al.	
	AF1*	US-6,391,818	05-21-2002	Bonsel et al.	
	AG1*	US-6,753,450	06-22-2004	Ahlers et al.	
	AH1*	US-7,148,176	12-12-2006	Beller et al.	
	AJ1*	US-6,462,095	10-08-2002	Bonsel et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BG	DE-19754304-A1	06-10-1999	Hoechst Ag	US 6,391,818	
	BH	EP-0375573-A1	06-27-1990	Eastman Kodak Co		
	BI	EP-0879642-A2	11-25-1998	Hoechst Res & Tech Gmbh & Co		
	BJ	GB-2006208-A	05-02-1979	Monsanto Co		
	BK	WO-01/28972-A1	04-26-2001	Shell Int Research et al.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA*	Related U.S. Patent Application No. 10/524,023, filed November 17, 2005, Eastham et al.	
	CB	OLAH, GEORGE A., <i>et al.</i> , "AlCl <sub>3</sub> -Catalyzed Dichlorophosphorylation of Saturated Hydrocarbons with PCl <sub>3</sub> in Methylene Chloride Solution," <i>J. Org. Chem.</i> , 1990, 55, 1224-1227.	
	CC	WEI-YONG YU, <i>et al.</i> , "Preparation of Polymer-Protected Pt/Co Bimetallic Colloid and its Catalytic Properties in Selective Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol," <i>Polymers FOR Advanced Technologies</i> , GB, John Wiley and Sons, Chichester, August 1, 1996, 719-722, Vol. 7, no. 8.	

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